



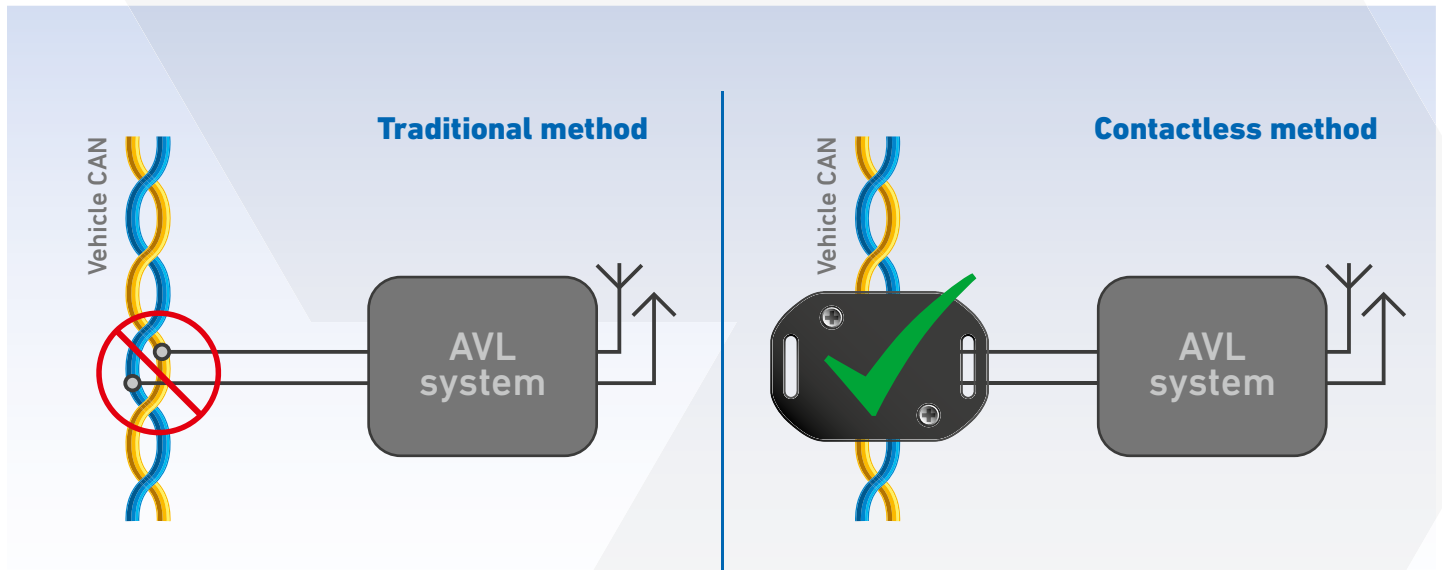
The **Inventure CL-CAN** interface ensures safe data read from vehicle CAN bus without any disruption. This way any **vehicle warranty and safety issues can be avoided**. The non-galvanic connection guarantees that no signal is sent back to vehicle CAN bus. Installation is easy and incorrect connection (swapping of CAN Hi and Low wires) is indicated on a LED. The interface can either be used together with Inventure FMS Gateway, or independently, with any GPS based vehicle tracking (AVL) systems.

### With Inventure CL-CAN device you can

- avoid cutting or soldering CAN data cables
- replace vehicle-specific cables by a universal solution
- connect to vehicle CAN bus wires at any accessible location (not only at connectors)
- transmit signal to a long distance - 1.5 m by default, can be extended to 20 m or more
- install quickly.

### Application areas

- Inventure CL-CAN device can be used
  - Independently
  - Together with Inventure FMS Gateway
  - Directly connected to any AVL devices
- Fuel control
- Signal converters (e.g. speed signal for taximeter)
- On-board display (e.g. vehicle weight display, FMS display)



### Key features

- Signal sensing without wire to wire connection
- Reusable for next installation
- LED status feedback for easy installation
- High disturbance immunity, low error rate
- Low current consumption (typical 3 mA @ idle)
- Compatible with all AVL systems with CAN input
- Protected against
  - wrong connection (of any kind)
  - overvoltage transient
  - overheating

### Technical details

- Nominal signal level: ISO 11898 5V HS-CAN
- Baud rates: 50 to 1000 kBaud
- Display modes:
  - Standby (Red)
  - Communication (Green)
  - Reverse CAN polarity (Amber)
  - Overheat (blinking Amber/Green)
- Power supply: 7...32 V, reverse polarity protected
- Output: High Speed CAN, 1.5 m twisted pair, Molex Minifit connector, or free leads
- Size: 35x35x15 mm (without mounting flanges)
- Stand-by detection
- Common mode noise immunity: 20 Vpp / 2µs
- No bus load limit (up to 100% bus load applicable)

FURTHER INFORMATION: [WWW.INVENTURE.HU/CLCAN\\_EN](http://WWW.INVENTURE.HU/CLCAN_EN)